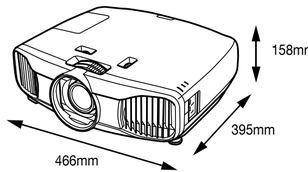
SPECIFICATIONS

Model Number		EH-TW8100	EH-TW9100	EH-TW9100W
Projection System		RGB liquid crystal shutter projection system	✓	✓
Projection Method		Front / Rear / Ceiling mount	✓	✓
LCD	Pixel Number	2,073,600 dots (1920 x 1080) x 3	✓	✓
	Native Resolution	1080p	✓	✓
	Size	0.74 - inch wide panel with MLA (D9, C²Fine, 12 bit, OD)	✓	✓
Light Output/Colour Light Output (Colour Brightness)		2,400lm / 2,400lm	✓	✓
Screen Size (Projected Distance)		30 to 300 inches [0.87 to 9.03m] (Zoom: Wide)	✓	✓
		30 to 300 inches [1.88 to 19.15m] (Zoom: Tele)	✓	✓
		Standard Size: 100 inch screen 2.98 - 6.36m	✓	✓
		Throw ratio: 1.34 (Zoom: Wide), 2.87 (Zoom: Tele)	✓	✓
Contrast	Auto iris: On	320,000:1	✓	✓
Aspect Ratio		1080p 16:9	✓	✓
3D Format	Frame Packing	1080p 24, 720p 50/60	✓	✓
	Side by Side	1080p 50/60, 1080i 50/60, 720p 50/60	✓	✓
	Top and Bottom	1080p 24, 720p 50/60	✓	✓
WirelessHD		N/A	N/A	Supported
Projection Lens	Type	Optical Zoom (Manual) / Focus (Manual)	✓	✓
	F-number	2.0 - 3.17	✓	✓
	Focal Length	22.5mm - 47.2mm	✓	✓
	Zoom Ratio	1 - 2.1	✓	✓
	Lens Cover	Slide lens shutter (Powered)	✓	✓
Lamp Type		230W UHE (E-TORL)	✓	✓
Fan Noise	Power Consumption: Normal	32dB (Colour mode: Dynamic)	✓	✓
	Power Consumption: Eco	22dB (Colour mode: Cinema)	✓	✓
Control I/O		RS-232C	✓	✓
Adjustment Functions	Auto Iris	Controlled automatically adjusting to video source (User selectable High Speed/Normal/Off on OSD)*		
	Aspect Mode	Auto / Normal / Full / Zoom / Wide	Auto / Normal / Full / Zoom / Wide	Auto / Normal / Full / Zoom / Wide
		N/A	Anamorphic Wide / Horiz.Squeeze	Anamorphic Wide / Horiz.Squeeze
Keystone Correction		Vertical: -30 to +30 degrees	✓	✓
Operating Temperature		5° C to 35° C (41° F to 95° F)	✓	✓
Power Supply Voltage		100 - 240 V AC +/- 10%, 50/60 Hz	✓	✓
Dimension	Excluding Feet (W x H x D)	466 x 140 x 395mm	✓	✓
	Maximum Dimension (W x H x D)	466 x 158 x 395mm	✓	✓
Weight		Approx. 18.4lbs./ 8.4kg	Approx. 18.4lbs / 8.4kg	Approx 18.9lbs./8.6kg
Supplied Accessories		Power Cable (3m), Remote Control	Power Cable (3m), Remote Control	Power Cable (3m), Remote Control
		Battery, User's Manual Set	Battery, User's Manual Set	Battery, User's Manual Set
		HDMI Cable Clamp x 2	HDMI Cable Clamp x 2, RF 3D Glasses x 2	HDMI Cable Clamp x 2, RF 3D Glasses x 2
		N/A	N/A	WirelessHD Transmitter Set
Lens Shift Range		Lens Shift Range: Vertical: -96% to +96% / Horizontal: -47% to +47% (V center, Manual)		
Super-Resolution		5 Steps (2D Mode only)	✓	✓
2D - 3D Conversion		3 steps	✓	✓
Frame Interpolation		3 Steps (2D Mode only)	✓	✓



OPTIONAL ACCESSORIES

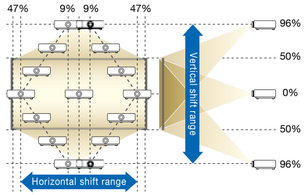
Spare Lamp		ELPLP69
Air Filter	1 sheet	ELPAF39
Ceiling Mount		ELPMB22
		ELPMB30
Ceiling Pipe	668 - 918mm, White	ELPFP13
	918 - 1168mm, White	ELPFP14
RF 3D Glasses		ELPGS03
USB Charging Adaptor		ELPAC01

ELPGS03

ELPAC01

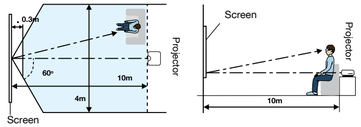
LENS SHIFT RANGE

EH-TW8100 / EH-TW9100W / EH-TW9100



VIEWING RANGE FOR 3D IMAGES

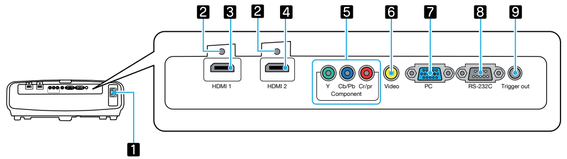
EH-TW8100 / EH-TW9100W / EH-TW9100



* The screen cannot be shifted to the maximum value for both horizontal and vertical directions simultaneously.
* The diagram above illustrates the lens shift range. Actual projection distance scale and projection angle differ from those shown.

INTERFACES

1. Power inlet
2. Cable holder
3. HDMI1 input port
4. HDMI2 input port
5. Component input port
6. Video input port
7. PC input port
8. RS-232C port
9. Trigger out



Better Products for a Better Future

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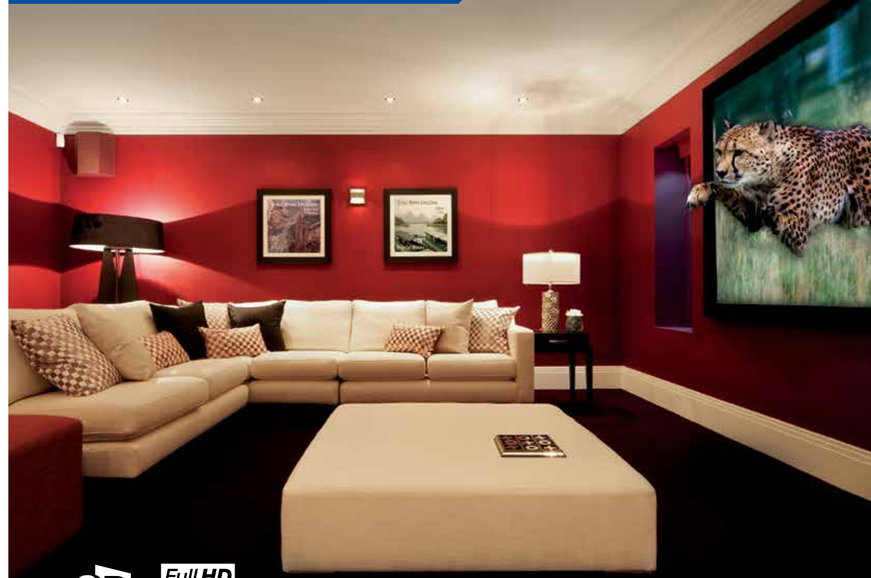
EPSON WORLD LEADER IN PROJECTORS
Source: Futuresource Consulting Ltd.

EPSON

EPSON EH-TW8100, EH-TW9100 AND EH-TW9100W

A NEW DIMENSION IN 3D HOME CINEMA



ENGINEERED FOR YOU

EPSON
EXCEED YOUR VISION

SUPERIOR FULL HD 2D AND 3D CINEMATIC EXPERIENCES

Outstanding brightness

An equally high White and Colour Light Output means you can watch the latest films with bright and accurate colours in a variety of light conditions.

Lower brightness projector with ambient light

EH-TW8100 series with ambient light

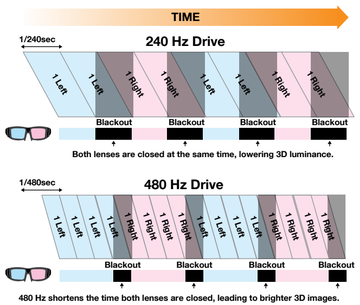
Radio Frequency (RF) 3D Active Shutter Glasses

Designed to be used with a pair of lightweight, rechargeable Radio Frequency (RF) 3D Active Shutter Glasses*1, you can enjoy your content without interference - up to 10 metres away from the projector. 3D glasses fit comfortably over prescription eye glasses, so anyone can enjoy Full HD 3D content.

FULL HD RF 3D GLASSES

Bright 3D

Epson's luminance enhancement technology provides amazingly bright projections. By doubling the refresh rate from 240Hz to 480Hz, the projector minimises the blackout time of 3D glasses. This results in 3D images that are up to 10% brighter than our previous models.



Dynamic contrast

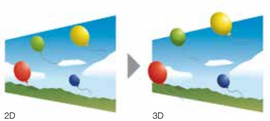
Epson's C²Fine panel offers deep blacks and translucent whites. This helps to achieve a high 320,000:1 contrast ratio when auto iris is on and further enhances Full HD content for brilliant images.

Lower contrast ratio projector

EH-TW8100 SERIES

Full HD 2D to 3D conversion

A simple press of a button will transport you into an immersive three dimensional experience by converting 2D high definition films and video games into 3D. This means you can experience even more 3D content.



2D

3D

*1 Epson RF 3D Active Shutter Glasses are part of the Full HD 3D Glasses Initiative www.fullhd3dglasses.com

ULTIMATE PICTURE QUALITY

DEEPBLACK technology

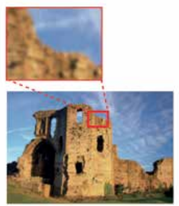
Dark shadowy images are shown with much more accuracy thanks to DEEPBLACK technology, which controls polarised light passing through each C²Fine panel. Intense jet blacks can be easily achieved, providing fully dark images and film scenes with a greater feeling of depth.

Without DEEPBLACK technology

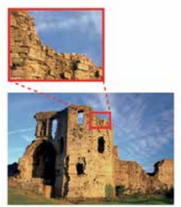
With DEEPBLACK technology

Super resolution

Super resolution technology ensures images are clear and sharp for optimum viewing no matter what you are watching. Blurriness, caused when images are zoomed in and enlarged, is reduced and DVDs can be enjoyed with sharper Full HD-like quality.



Without super resolution

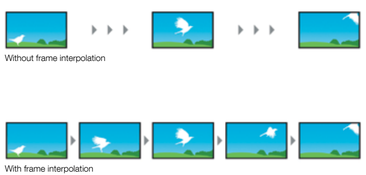


With super resolution

Frame interpolation

Smoother screen movement

Frame interpolation technology works by inserting new frames between original ones. With this process, blurring on screen is reduced while fast-moving images appear smoother and sharper.



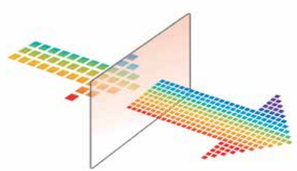
Without frame interpolation

With frame interpolation

Cinema filter

Unbeatable colour reproduction

The Epson Cinema Filter produces a wider colour gamut to deliver unbeatable colour reproduction and quality. Your films will be able to showcase all their impressive colours, without feeling faded or washed out.

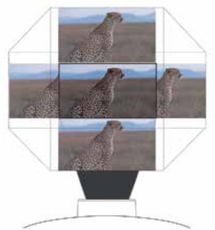


Optical filtering ensures a wide colour gamut

FLEXIBLE INSTALLATION

Lens shift

The optical lens shift function ensures image quality doesn't deteriorate, with a broad shift range of +/-96% vertically and +/- 47% horizontally.



Front-facing ventilation

With a front-facing ventilation system, you're not subjected to uncomfortable hot air while watching content. It also means you can house the projector in bookcases and other enclosed spaces without worrying about over-heating.

Cable cover

A neat, clean appearance

An optional cable cover tidies away power cables and other wires.

Easy to install, wirelessHD

You can immerse yourself in Full HD picture quality without cables or wires by connecting WiHD devices in 'real time' directly to the projector.*2 Alternatively, you can plug non-WiHD devices into Epson's new wireless HD transmitter via HDMI. 'Real time' high-resolution WiHD connection ensures films and other content are shown without delay or picture lag.

Our new wirelessHD transmitter has five HDMI inputs, one pass-through input and a digital audio output. That's five different inputs without having to constantly insert and remove cables. And you can easily switch between the five inputs by remote control.

Digital audio output

5 HDMI input and pass-through

Lens cover

The motorised lens shutter works to stop the build-up of dust on the lens when not in use.

*2 WirelessHD function is available across the 27 members of the EU in addition to Croatia, Iceland, Norway, Saudi Arabia, Switzerland, Turkey and United Arab Emirates. Subject to change. Please contact your local Epson sales office for individual market availability